

AMENDMENTS

LISTING OF CLAIMS:

The following listing supplants all prior listings of the claims.

1-43. (Canceled)

44. (New) A pressure sensitive adhesive sheet with a release sheet used for electrical or electronic equipment, comprising:

a. a pressure sensitive adhesive sheet which comprises a base and a pressure sensitive adhesive layer provided on the base, wherein the content of silicone compound in the pressure sensitive adhesive sheet is equal to or less than $500 \mu\text{g}/\text{m}^2$; and

b. a release sheet removably attached to the pressure sensitive adhesive sheet, the release sheet comprising:

- i. a release sheet base formed from a lint-free paper having a thickness of $25\text{-}50 \mu\text{m}$; and
- ii. a releasing agent layer provided on the release sheet base, the releasing agent layer being attached to the pressure sensitive adhesive layer of the pressure sensitive adhesive sheet and being formed of a material containing no silicone compound,

wherein the count of generated particles having a diameter of $0.1 \mu\text{m}$ or more generated from the pressure sensitive adhesive sheet with the release sheet is equal to or less than 100 particles / liter when measured according to the Semiconductor Production Apparatus and Material International Associate Doc. No. 2362.

45. (New) The pressure sensitive adhesive sheet with a release sheet as claimed in claim 44, wherein when the pressure sensitive adhesive sheet is used after it has been peeled off from the release sheet, the pressure sensitive adhesive sheet generates a gas at a temperature of 85°C for 30 minutes, but the amount of gas generated from the pressure sensitive adhesive sheet is equal to or less than $20 \text{mg}/\text{m}^2$.

46. (New) The pressure sensitive adhesive sheet with a release sheet as claimed in claim 44, wherein the pressure sensitive adhesive sheet contains ions of NO_x^- , Cl^- ,

PO_4^{3-} , K^+ , F^- , Na^+ and Ca^{2+} , wherein the sum of amounts of these ions is equal to or less than 20 mg/m^2 .

47. (New) The pressure sensitive adhesive sheet with a release sheet as claimed in claim 44, where the pressure sensitive adhesive sheet further comprises an antistatic layer that is provided between the base and the pressure sensitive adhesive layer thereof.

48. (New) The pressure sensitive adhesive sheet with a release sheet as claimed in claim 47, wherein the antistatic layer includes at least one antistatic agent selected from the group consisting of carbon black, metal-based conductive filler, metal oxide-based conductive filler and π electron conjugated conductive polymer.

49. (New) The pressure sensitive adhesive sheet with a release sheet as claimed in claim 48, wherein the antistatic layer is composed of a thin film of a metal or metal oxide.

50. (New) The pressure sensitive adhesive sheet with a release sheet as claimed in claim 44, wherein the antistatic layer has a surface resistivity which is in the range of $1 \times 10^4 - 10^{12} \Omega$.

51. (New) The pressure sensitive adhesive sheet with a release sheet as claimed in claim 44, wherein the releasing agent layer of the release sheet is formed of a material containing an olefin-based thermoplastic elastomer and a polyethylene resin.

52. (New) The pressure sensitive adhesive sheet with a release sheet as claimed in claim 51, wherein the weight ratio of the olefin-based thermoplastic elastomer to the polyethylene resin is in the range of 25:75 to 75:25.

53. (New) The pressure sensitive adhesive sheet with a release sheet as claimed in claim 52, wherein the olefin-based thermoplastic elastomer has a density which is in the range of 0.80 to 0.90 g/cm³.